Math 112
ReQuiz 04B

2022–04–03 (N)

Your name: _____

Exercise

(4 pt) Consider the function

$$f : [-3,3] \to \mathbf{R} \qquad \text{given by} \qquad f(x) = \sqrt{9 - x^2}$$

where as usual $\mathbf{R}$ denotes "all real numbers". Find the derivative function f'. Be sure to specify its domain and codomain, in addition to the rule of assignment.